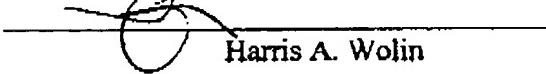


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Harris A. Wolin

Attorney Docket No.: 3246/FLK/DIV (032878-87623)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Nobuo Mamada  
Serial No. : 09/934,495  
Filed : August 22, 2001  
Title : Circuit Board Having ...  
Examiner : John L. Goff, II  
Group Art Unit : 1733

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUB-POWER OF ATTORNEY

SIR:

I, Shahan Islam, attorney of record herein, do hereby grant a sub-power of attorney to Samson Helfgott, Reg. No. 23,072; Linda S. Chan, Reg. No. 42,400; Harris A. Wolin, Reg. No. 39,432; Brian S. Myers, Reg. No. 46,947; Thomas J. Bean, Reg. No. 44,528 and Michael I. Markowitz, Reg. No. 30,659 to act and sign in my behalf in the above-referenced application.

Respectfully submitted,



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